

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102618\
 Data File : VX005649.D
 Acq On : 27 Oct 2018 11:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 29 03:23:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	97	0.00
2 T	Dichlorodifluoromethane	0.494	0.566	-14.6	98	0.00
3 P	Chloromethane	0.629	0.672	-6.8	104	0.00
4 C	Vinyl Chloride	0.618	0.666	-7.8#	101	0.00
5 T	Bromomethane	0.385	0.374	2.9	99	0.00
6 T	Chloroethane	0.395	0.419	-6.1	105	0.00
7 T	Trichlorofluoromethane	0.859	0.779	9.3	87	0.00
8 T	Diethyl Ether	0.343	0.369	-7.6	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.493	0.399	19.1	78	0.00
10 T	Methyl Iodide	0.466	0.525	-12.7	97	0.00
11 T	Tert butyl alcohol	0.164	0.181	-10.4	109	0.00
12 CM	1,1-Dichloroethene	0.469	0.430	8.3#	89	0.00
13 T	Acrolein	0.084	0.075	10.7	85	0.00
14 T	Allyl chloride	1.047	0.986	5.8	91	0.00
15 T	Acrylonitrile	0.368	0.379	-3.0	100	0.00
16 T	Acetone	0.323	0.348	-7.7	107	0.00
17 T	Carbon Disulfide	1.431	1.350	5.7	92	0.00
18 T	Methyl Acetate	0.903	0.926	-2.5	107	0.00
19 T	Methyl tert-butyl Ether	1.674	1.711	-2.2	100	0.00
20 T	Methylene Chloride	0.540	0.546	-1.1	102	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.484	5.5	94	0.00
22 T	Diisopropyl ether	1.829	1.899	-3.8	102	0.00
23 T	Vinyl Acetate	1.611	1.707	-6.0	99	0.00
24 P	1,1-Dichloroethane	0.995	1.022	-2.7	103	0.00
25 T	2-Butanone	0.491	0.528	-7.5	108	0.01
26 T	2,2-Dichloropropane	0.768	0.431	43.9#	56	0.00
27 T	cis-1,2-Dichloroethene	0.552	0.525	4.9	95	0.00
28 T	Bromochloromethane	0.481	0.498	-3.5	99	0.00
29 T	Tetrahydrofuran	0.320	0.331	-3.4	102	0.00
30 C	Chloroform	0.930	0.944	-1.5#	101	0.00
31 T	Cyclohexane	0.823	0.685	16.8	77	0.00
32 T	1,1,1-Trichloroethane	0.821	0.798	2.8	93	0.00
33 S	1,2-Dichloroethane-d4	0.610	0.651	-6.7	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35 S	Dibromofluoromethane	0.339	0.306	9.7	93	0.00
36 T	1,1-Dichloropropene	0.485	0.416	14.2	90	0.00
37 T	Ethyl Acetate	0.619	0.619	0.0	107	0.00
38 T	Carbon Tetrachloride	0.511	0.413	19.2	86	0.00
39 T	Methylcyclohexane	0.536	0.398	25.7#	73	0.00
40 TM	Benzene	1.391	1.423	-2.3	107	0.00
41 T	Methacrylonitrile	0.345	0.329	4.6	100	0.00
42 TM	1,2-Dichloroethane	0.528	0.519	1.7	103	0.00
43 T	Isopropyl Acetate	0.928	0.971	-4.6	107	0.00
44 TM	Trichloroethene	0.379	0.354	6.6	99	0.00
45 C	1,2-Dichloropropane	0.374	0.337	9.9#	95	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.242	0.225	7.0	97	0.00
47 T	Bromodichloromethane	0.469	0.445	5.1	98	0.00
48 T	Methyl methacrylate	0.452	0.481	-6.4	106	0.00
49 T	1,4-Dioxane	0.010	0.010	0.0	106	0.00
50 S	Toluene-d8	1.217	1.044	14.2	85	0.00
51 T	4-Methyl-2-Pentanone	0.624	0.603	3.4	98	0.00
52 CM	Toluene	0.845	0.740	12.4#	89	0.00
53 T	t-1,3-Dichloropropene	0.507	0.447	11.8	87	0.00
54 T	cis-1,3-Dichloropropene	0.545	0.479	12.1	87	0.00
55 T	1,1,2-Trichloroethane	0.356	0.329	7.6	97	0.00
56 T	Ethyl methacrylate	0.532	0.533	-0.2	98	0.00
57 T	1,3-Dichloropropane	0.603	0.554	8.1	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.297	0.279	6.1	92	0.00
59 T	2-Hexanone	0.492	0.484	1.6	98	0.00
60 T	Dibromochloromethane	0.372	0.352	5.4	95	0.00
61 T	1,2-Dibromoethane	0.369	0.343	7.0	95	0.00
62 S	4-Bromofluorobenzene	0.459	0.403	12.2	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.415	0.381	8.2	84	0.00
65 PM	Chlorobenzene	1.065	1.028	3.5	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.392	-1.0	93	0.00
67 C	Ethyl Benzene	1.752	1.709	2.5#	86	0.00
68 T	m/p-Xylenes	0.680	0.660	2.9	86	0.00
69 T	o-Xylene	0.639	0.652	-2.0	88	0.00
70 T	Styrene	1.070	1.125	-5.1	90	0.00
71 P	Bromoform	0.346	0.367	-6.1	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.056	3.008	1.6	83	0.00
74 T	N-amyl acetate	1.514	1.745	-15.3	98	0.00
75 P	1,1,2,2-Tetrachloroethane	1.128	1.207	-7.0	98	0.00
76 T	1,2,3-Trichloropropane	1.059	1.097	-3.6	93	0.00
77 T	Bromobenzene	0.852	0.868	-1.9	91	0.00
78 T	n-propylbenzene	3.495	3.418	2.2	82	0.00
79 T	2-Chlorotoluene	2.167	2.135	1.5	86	0.00
80 T	1,3,5-Trimethylbenzene	2.615	2.613	0.1	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.324	0.304	6.2	80	0.00
82 T	4-Chlorotoluene	2.555	2.528	1.1	86	0.00
83 T	tert-Butylbenzene	2.606	2.529	3.0	83	0.00
84 T	1,2,4-Trimethylbenzene	2.650	2.736	-3.2	86	0.00
85 T	sec-Butylbenzene	3.110	2.943	5.4	80	0.00
86 T	p-Isopropyltoluene	2.780	2.697	3.0	80	0.00
87 T	1,3-Dichlorobenzene	1.602	1.576	1.6	88	0.00
88 T	1,4-Dichlorobenzene	1.672	1.608	3.8	89	0.00
89 T	n-Butylbenzene	2.510	2.292	8.7	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.479	0.459	4.2	84	0.00
91 T	1,2-Dichlorobenzene	1.621	1.627	-0.4	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.273	0.306	-12.1	100	0.00
93 T	1,2,4-Trichlorobenzene	1.175	1.202	-2.3	89	0.00
94 T	Hexachlorobutadiene	0.609	0.492	19.2	75	0.00
95 T	Naphthalene	3.415	4.012	-17.5	96	0.00
96 T	1,2,3-Trichlorobenzene	1.191	1.262	-6.0	91	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6